IN THE CLAIMS

Please amend the claims as follows:

1. (Currently Amended): A method of transforming information, comprising:

inputting, into a map editor with a graphical user interface, a first structural description of a first native structured format;

inputting, into the map editor with the graphical user interface, a second structural description of a second native structured format;

displaying a first list of elements in the first structural description in the graphical user interface;

displaying a second list of elements in the second structural description in the graphical user interface with an additional element for no corresponding element;

inputting, into the map editor by a user with the graphical user interface, preferences for transforming an element ~~of the first structural description, in its native format, directly to at least one element of the second structural description in its native format~~ in the first list to one of no corresponding element, one corresponding element or multiple corresponding elements of the second list by choosing elements in the second list;

storing translation information output from the map editor, the translation information comprising at least the preferences input by the user; and

transforming a first document or database structure provided in the first native structured format ~~directly~~ into a second document or database structure in the second native structured format based on the translation information~~, without using an intermediate representation of the first document or database structure~~.

2. (Previously Presented): The method of claim 1, wherein the transforming includes transforming the first document and the first native structured format has a Document Type Definition (DTD) directed hierarchy.

3. (Previously Presented): The method of claim 1, wherein the transforming includes transforming the first document and said first native structured format is derived from Standard Generalized Markup Language (SGML).

4. (Canceled).

5. (Previously Presented): The method of claim 3, wherein the second native structured format is a Document Type Definition (DTD) directed hierarchy.

6. (Previously Presented): The method of claim 3, further comprising:

outputting, to the graphical user interface, a representation of a translation between the first native structured format and the second native structured format.

7. (Previously Presented): The method of claim 3, wherein the second native structured format is derived from Standard Generalized Markup Language (SGML).

8. (Canceled).

9. (Currently Amended): A system for transforming information, comprising:

means for inputting, into a map editor with a graphical user interface, a first structural description of a first native structured format;

means for inputting, into the map editor with the graphical user interface, a second

structural description of a second native structured format;

means for displaying a first list of elements in the first structural description in the

graphical user interface;

means for displaying a second list of elements in the second structural description in

the graphical user interface with an additional element for no corresponding element;

means for inputting, into the map editor by a user through the graphical user interface,

preferences for transforming an element ~~of the first structural description, in its native format,~~

~~directly to at least one element of the second structural description in its native format~~ in the

first list to one of no corresponding element, one corresponding element or multiple

corresponding elements of the second list by choosing elements in the second list;

means for storing translation information output from the map editor, the translation

information comprising at least the preferences input by the user; and

means for transforming a first document or database structure provided in the first

native structured format ~~directly~~ into a second document or database structure in the second

native structured format based on the translation information ~~without using an intermediate~~

~~representation of the first document or database structure~~.

10. (Previously Presented): The system of claim 9, wherein the means for

transforming transforms the first document and the first native structured format has a

Document Type Definition (DTD) directed hierarchy.

11. (Previously Presented): The system of claim 9, wherein the means for

transforming transforms the first document and said first native structured format is derived

from Standard Generalized Markup Language (SGML).

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12. (Canceled).

13. (Previously Presented): The system of claim 11, wherein the second native structured format is a Document Type Definition (DTD) directed hierarchy.

14. (Previously Presented): The system of claim 11, further comprising:

means for outputting, to the graphical user interface, a representation of a translation between the first native structured format and the second native structured format.

15. (Previously Presented): The system of claim 11, wherein the second native structured format is derived from Standard Generalized Markup Language (SGML).

16. (Canceled).

17. (Currently Amended): A computer-readable medium encoded with instructions for execution on a computer system, which when executed by the computer system, causes the computer system to perform a method comprising:

inputting, into a map editor with a graphical user interface, a first structural description of a first native structured format;

inputting, into the map editor with the graphical user interface, a second structural description of a second native structured format;

displaying a first list of elements in the first structural description in the graphical user interface;

displaying a second list of elements in the second structural description in the graphical user interface with an additional element for no corresponding element;

inputting, into the map editor by a user through the graphical user interface,

preferences for transforming an element ~~of the first structural description, in its native format,~~

~~directly to at least one element of the second structural description in its native format~~ in the

first list to one of no corresponding element, one corresponding element or multiple

corresponding elements of the second list by choosing elements in the second list;

storing translation information output from the map editor, the translation information

comprising at least the preferences input by the user; and

transforming a first document or database structure provided in the first native

structured format ~~directly~~ into a second document or database structure in the second native

structured format based on the translation information ~~without using an intermediate~~

~~representation of the first document or database structure~~.

18. (Previously Presented): The computer-readable medium of claim 17, wherein the

transforming includes transforming the first document and the first native structured format

has a Document Type Definition (DTD) directed hierarchy.

19. (Previously Presented): The computer-readable medium of claim 17, wherein the

transforming includes transforming the first document and said first native structured format

is derived from Standard Generalized Markup Language (SGML).

20. (Canceled).

21. (Previously Presented): The computer-readable medium of claim 19, wherein the

second native structured format is a Document Type Definition (DTD) directed hierarchy.

22. (Previously Presented): The computer-readable medium of claim 19, the method further comprising:

outputting, to the graphical user interface, a representation of a translation between the first native structured format and the second native structured format.

23. (Previously Presented): The computer-readable medium of claim 19, wherein the second native structured format is derived from Standard Generalized Markup Language (SGML).

24. (Canceled).

25. (Previously Presented): The method of claim 1, wherein the preferences for transforming include a user selection of which elements of the first native structured format to map to the second native_structured format.

26. (Previously Presented): The system of claim 9, wherein the preferences for transforming include a user selection of which elements of the first native structured format to map to the second native structured format.

27. (Previously Presented): The computer-readable medium of claim 17, wherein the preferences for transforming include a user selection of which elements of the first native structured format to map to the second native structured format.

28. (Previously Presented): The method of claim 1, further comprising:

generating translation information based on database design information, document type definition information, and a document.

29. (Previously Presented): The system of claim 9, further comprising:

means for generating translation information based on database design information, document type definition information, and a document.

30. (Previously Presented): The computer-readable medium of claim 17, wherein the method further comprises:

generating translation information based on database design information, document type definition information, and a document.

31. (Canceled).

32. (Previously Presented): The method of claim 1, further comprising:

editing, with the graphical user interface, an existing map that transforms the first document or database structure provided in the first native structured format into the second document or database structure in the second native structured format.

33. (Previously Presented): The method of claim 1, further comprising:

creating, with the graphical user interface, a map that transforms the first document or database structure provided in the first native structured format into the second document or database structure in the second native structured format.

34-35. (Canceled).